



MERKEL® GRAFOLAN HT 6570



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Special high-temperature impregnation provides the necessary cross-sectional density, favours low friction behaviour and stabilises DIAPLEX® braid bond

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland

PRODUCT ADVANTAGES

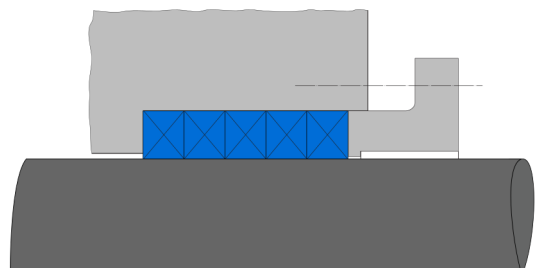
- High temperature resistant
- Low leakage and low friction
- Bridges even larger gaps

APPLICATIONS

- Valves
- Valve packing for highest temperature loads in chemical applications and power generation

APPLICATION LIMITS

- Temperature: +450°C (most media & air), +600°C (steam), +2000°C (inert gas)
- pH Value: 0 ... 14



- Pressure: 30 MPa

MEDIA RESISTANCE

- Hot water, steam, hot air, acids and alkalis
- Exception: strongly oxidizing acids like hot sulphuric acid and nitric acid

CONFORMITY AND CERTIFICATES

- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

DESIGN GUIDELINE

- Installation space cleaned and free of deposits or old packing rings

INSTALLATION GUIDELINE

- Cut packings to length with butt or diagonal cut depending on application
- Assemble and crimp rings individually with cut ends first
- Distribute cuts symmetrically around the circumference to avoid leakage paths
- Tighten gland nuts evenly

STORAGE ADVISE

- Storage temperature <25°C
- No direct heat sources
- No direct sunlight
- No condensation in the storage room
- No exposure to ozone or ionizing radiation
- Recommendations based on the revision of ISO 2230 dated 16.09.1992